

## ABSTRACT:

5 A transmitter is disclosed for transmitting a first and second digital  
information signal. Said first digital information signal comprises first frames having at least  
a first synchronization signal and a data portion stored in them. The transmitter processes the  
second digital information signal into subsequent second frames comprising blocks of  
10 information of the second digital information signal. Composite frames have been obtained  
by inserting a second synchronization signal and at least the data portion of the first frames  
into the second frames by using buried data techniques. Prior to inserting at least the data  
portion of the first frame into a second frame the first synchronization signal is stripped from  
the first frame. The sequence of composite frames is transmitted via the transmission  
medium.

(Fig. 1)